

| Ref # | Hits   | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|--------|--|--|------------------|---------|------------------|
| S1    | 4339   | 347/5 OR 347/9 OR 347/19   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/01/13 15:50 |
| S2    | 1809   | encoder SAME (exposure OR exposure\$correction OR exposure\$source)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/01/13 15:52 |
| S3    | 670786 | velocity   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/01/13 15:52 |
| S4    | 1      | S1 AND S2 AND S3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/01/13 15:55 |
| S5    | 11     | "2003301669311" OR "20030227500" OR "6827421" OR "6422682"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/01/13 16:08 |
| S6    | 12     | ("4475115" "4620200" "4835545" "6037584" "6422682" "6576883").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/01/13 16:08 |
| S7    | 1810   | encoder SAME (exposure OR exposure\$correction OR exposure\$source)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/01/17 10:17 |
| S8    | 63     | ((photo\$sensitive) ADJ (material OR medium)) SAME (array NEAR (exposure\$source OR exposure))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/01/17 10:21 |
| S9    | 279    | ((photo\$sensitive) ADJ (material OR medium)) SAME (array NEAR (exposure\$source OR exposure OR LED OR LED\$array OR LED\$die\$array OR light\$emitting\$diode)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/01/19 15:45 |
| S10   | 3      | ("5808986"   "6344929"   "6433934").PN. OR ("6980366").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR               | ON      | 2006/01/17 11:32 |
| S11   | 3      | ("6208083"   "6339291"   "6525758").PN. OR ("6856339").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR               | ON      | 2006/01/17 11:42 |

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| S12 | 3      | ("6140766").PN. OR ("6339291").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/17 11:46 |
| S13 | 19     | ("3850517"   "4489477"   "4746941"   "4799071"  <br>"4857944"   "4980700"   "5079567"   "5200765"  <br>"5298433"   "5300960"   "5389953").PN. OR<br>("5699103").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/17 11:51 |
| S14 | 5      | ("5365258"   "5696594"   "5699103").PN. OR<br>("6169563").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/17 12:24 |
| S15 | 19     | ("3850517"   "4489477"   "4746941"   "4799071"  <br>"4857944"   "4980700"   "5079567"   "5200765"  <br>"5298433"   "5300960"   "5389953").PN. OR<br>("5699103").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/17 12:29 |
| S16 | 671344 | velocity   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/17 12:29 |
| S17 | 8      | S8 AND S16   | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/17 12:30 |
| S18 | 25     | S9 AND S16   | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/17 12:35 |
| S19 | 6      | ("4173411"   "4215933").PN. OR ("4368975").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/17 12:33 |
| S20 | 3      | ("5455416"   "5892574"   "6262825").PN. OR<br>("6903809").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/17 12:41 |
| S21 | 292    | ((photo\$ensitive) NEAR (material OR medium)) SAME<br>(array NEAR (exposure\$source OR exposure OR LED<br>OR LED\$array OR LED\$die\$array OR<br>light\$emitting\$diode))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/19 08:47 |
| S22 | 5      | S21 AND S16 AND (print\$head OR image\$head OR<br>shuttle OR carriage)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/17 12:54 |
| S23 | 20     | S16 AND (print\$head OR image\$head OR shuttle OR<br>carriage) SAME (array NEAR (exposure\$source OR<br>exposure OR LED OR LED\$array OR LED\$die\$array OR<br>light\$emitting\$diode))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/17 12:55 |
| S24 | 0      | ("2002/0030711").URPN.   | USPAT  | OR | ON | 2006/01/17 12:56 |
| S25 | 33     | ("3763356"   "4241406"   "4648048"   "4878082"  <br>"4900941"   "4907013"   "5038208"   "5070410"  <br>"5128691"   "5206668"   "5224421"   "5289208"  <br>"5315316"   "5321436"   "5378563"   "5430306"  <br>"5473351"   "5495103"   "5559339"   "5587728"  <br>"5596353"   "5650804"   "5671059"   "5736996"  <br>"5760799"   "5764251"   "5771051"   "5781204"  <br>"5798772"   "5806994"   "5956051"   "6137570"  <br>"6196651").PN. OR ("6612676").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/17 12:58 |

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| S26 | 37 | ("1917379"   "4983854"   "5004928"   "5139339"   "5488456").PN. OR ("5764251").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/17 13:06 |
| S27 | 26 | ("4709244"   "4922270"   "5250956"   "5289208"   "5297017"   "5404020"   "5448269"   "5451990"   "5508826"   "5587728"   "5600350"   "5627570"   "5644344"   "5764251"   "5796414"   "5825378"   "5825381"   "5835108"   "5841448"   "5847722"   "5856833"   "5883646"   "5905512"   "5975674"   "5980016"   "6076915").PN. OR ("6582049").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/17 13:16 |
| S28 | 21 | ("4284356"   "4352988"   "4723072"   "4760271"   "4779988").PN. OR ("5004928").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/17 13:30 |
| S29 | 50 | ("4525729"   "4541061"   "4571602"   "4596995"   "4609920").PN. OR ("4746941").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/17 14:04 |
| S30 | 13 | ("4746941"   "4750010"   "5025322"   "5126759"   "5138337"   "5300960"   "5317344"   "5586055"   "5666150"   "5818501"   "5859657"   "5914744").PN. OR ("6061078").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/17 14:09 |
| S31 | 10 | ("4169275"   "4342504"   "4739352"   "4779071"   "4780730").PN. OR ("5111218").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/17 14:48 |
| S32 | 36 | ("3952311"   "4090206"   "4096486"   "4107687"   "4318597"   "4342504"   "4376282"   "4378149"   "4429319"   "4532526"   "4571602").PN. OR ("4780730").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/17 14:55 |
| S33 | 36 | ("3952311"   "4090206"   "4096486"   "4107687"   "4318597"   "4342504"   "4376282"   "4378149"   "4429319"   "4532526"   "4571602").PN. OR ("4780730").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/17 15:56 |
| S34 | 42 | ("2982175"   "3069682"   "3116963"   "3401398"   "3458655"   "3555555"   "3619516"   "3626423"   "3644922"   "3832488"   "3930259"   "3952311"   "3988742"   "4000495").PN. OR ("4342504").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/17 16:00 |
| S35 | 17 | ("3832488"   "3988742"   "4000495"   "4074320"   "4342504"   "4364064"   "4389655"   "4475115"   "4563747"   "4590492"   "4797691"   "4835549"   "5093682"   "5623300").PN. OR ("6452696").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/17 16:09 |
| S36 | 23 | ("4447126"   "4462662"   "4589736"   "4653895"   "4748680"   "4772922").PN. OR ("4907034").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/18 08:34 |
| S37 | 32 | ("4047192"   "4179183"   "4467369"   "4547038"   "4564853"   "4566015"   "4589745"   "4610536"   "4630128"   "4641184"   "4673956").PN. OR ("4800400").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/18 08:39 |
| S38 | 21 | ("3695154"   "3703858"   "3709125"   "3836916"   "4090206"   "4316196"   "4378149").PN. OR ("4566015").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/18 09:17 |
| S39 | 1  | "20050190212"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/18 09:17 |
| S40 | 20 | ("5093682").URPN.  | USPAT                        | OR | ON | 2006/01/18 09:53 |
| S41 | 12 | ("4074319"   "4368491"   "4575765"   "4712116"   "4952949"   "5241324").PN. OR ("5623300").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/18 10:06 |
| S42 | 22 | ("3555555"   "3832488"   "3836917"   "3952311"   "3973130"   "4096486"   "4168894").PN. OR ("4378149").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/18 12:08 |

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| S43 | 7     | ("3973130"   "4168894"   "4378149"   "4928122"   "5444520").PN. OR ("6037964").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/18 12:15 |
| S44 | 7     | ("3973130"   "4168894"   "4378149"   "4928122"   "5444520").PN. OR ("6037964").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/18 12:23 |
| S45 | 11700 | (encoder NEAR (position OR velocity OR rate OR speed OR motion OR ramp))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/19 08:50 |
| S46 | 5859  | (exposure NEAR (control OR control\$logic)) SAME (velocity OR rate OR motion OR ramp OR speed)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/19 08:54 |
| S47 | 61    | S45 AND S46   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/19 08:55 |
| S48 | 28    | ("4938816"   "4983419"   "4999143"   "5014207"   "5058988"   "5059021"   "5104592"   "5123734"   "5133987"   "5174931"   "5182056"   "5182715"   "5184307"   "5192469"   "5192559"   "5238639"   "5256340"   "5321622"   "5429908"   "5495328"   "5597520"   "5840239"   "5902537"   "5943235"   "5999184"   "B1 4575330").PN. OR ("6215095").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/19 10:19 |
| S49 | 12    | ("4475115" "4620200" "4835545" "6037584" "6422682" "6576883").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/19 10:19 |
| S50 | 2     | S49 AND S45   | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/19 10:19 |
| S51 | 20    | ("4422083"   "4551732").PN. OR ("4835545").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/19 10:33 |
| S52 | 5     | ("4698649"   "4835545"   "5142304").PN. OR ("5311216").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/19 10:48 |
| S53 | 20    | ("4422083"   "4551732").PN. OR ("4835545").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/19 10:50 |
| S54 | 17    | ("3816840"   "3914771"   "4096487"   "4167014"   "4322734"   "4491855"   "4504130"   "4575739"   "4683380"   "4713699"   "4717999"   "4766447"   "4835545"   "4837636"   "4985786"   "5038158").PN. OR ("5227814").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/19 10:54 |
| S55 | 8     | ("4789874"   "4959871"   "6010206"   "6037584"   "6064128"   "6152626"   "6174043").PN. OR ("6422682").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/19 11:23 |
| S56 | 8     | ("4789874"   "4959871"   "6010206"   "6037584"   "6064128"   "6152626"   "6174043").PN. OR ("6422682").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/19 11:27 |

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| S57 | 10      | ("4313124"   "4345262"   "4459600"   "4463359"   "4558333"   "4608577"   "4723129"   "4740796"   "5873663"   "6422682").PN. OR ("6742856").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/19 11:28 |
| S58 | 28      | ("4938816"   "4983419"   "4999143"   "5014207"   "5058988"   "5059021"   "5104592"   "5123734"   "5133987"   "5174931"   "5182056"   "5182715"   "5184307"   "5192469"   "5192559"   "5238639"   "5256340"   "5321622"   "5429908"   "5495328"   "5597520"   "5840239"   "5902537"   "5943235"   "5999184"   "B1 4575330").PN. OR ("6215095").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/19 13:45 |
| S59 | 24      | ("4305674"   "4421431"   "4738553"   "4750049"   "4877343"   "4933867"   "5112149"   "5189436"   "5191356"   "5263994"   "5312193"   "5539433").PN. OR ("5873663").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/19 14:16 |
| S60 | 3       | ("5204695"   "5576744"   "5873663").PN. OR ("6614554").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/19 14:28 |
| S61 | 5       | ("5873663"   "5894315").PN. OR ("6419338").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/19 14:59 |
| S62 | 23      | ("4313124"   "4345262"   "4459050"   "4459600"   "4463359"   "4469460"   "4558333"   "4719477"   "4723129"   "4740796").PN. OR ("5189436").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/19 15:14 |
| S63 | 27      | ("3973111"   "4147967"   "4412232"   "4427314"   "4433925"   "4436439"   "4460968"   "4469460"   "4490796"   "4506344"   "4523235"   "4549825"   "4566813"   "4567570"   "4575733"   "4577932"   "4675692").PN. OR ("4933867").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/19 15:41 |
| S64 | 22754   | (exposure NEAR (variable OR intensity OR vary OR control))  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/19 15:43 |
| S65 | 6181    | (exposure NEAR (variable OR intensity OR vary OR control)) SAME (velocity OR rate OR motion OR ramp OR speed)   | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/19 15:43 |
| S67 | 3498657 | (exposure\$source OR exposure OR LED OR LED\$array OR LED\$die\$array OR light\$emitting\$diode OR radiation OR laser OR pulse)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/19 15:54 |
| S69 | 6181    | S65 AND S67   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/19 15:47 |
| S70 | 705     | S69 and encoder   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/19 15:49 |
| S71 | 522     | S69 and encoder and (photo\$sensitive\$material OR film)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/19 15:49 |

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| S72 | 6181    | S65 SAME S67   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/19 15:53 |
| S73 | 3039999 | (exposure\$source OR LED OR LED\$array OR<br>LED\$die\$array OR light\$emitting\$diode OR radiation<br>OR laser OR pulse)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/19 15:55 |
| S75 | 1278    | S73 SAME S65   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/19 15:58 |
| S76 | 121     | S75 and encoder  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/19 16:02 |
| S77 | 46      | S75 SAME encoder   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/19 16:02 |
| S78 | 10      | ("4169275"   "4342504"   "4739352"   "4779071"  <br>"4780730").PN. OR ("5111218").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/19 16:44 |
| S79 | 4       | ("5774162"   "5813347"   "5889534"   "5953034").PN. OR<br>("6819346").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/19 17:17 |
| S80 | 10      | ("5117119"   "5377020"   "5502578"   "5621205"  <br>"5986705"   "6037584"   "6038038"   "6204881"  <br>"6262816"   "6331832").PN. OR ("6576883").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/19 17:19 |
| S81 | 12      | ("4982205"   "5943139").PN. OR ("6037584").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/19 17:25 |
| S82 | 26      | ("3867569"   "5336878"   "5627918"   "5649034"  <br>"5689425"   "5739898"   "5949914"   "5995227"  <br>"6005681"   "6037584"   "6239883"   "6240219").PN. OR<br>("6459823").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/19 17:27 |
| S83 | 19      | ("3750189"   "3804485"   "3818444"   "4583128").PN. OR<br>("4982205").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/19 17:29 |
| S84 | 35      | ("4426693"   "4516235"   "4631713").PN. OR<br>("5050156").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/19 17:35 |
| S85 | 36      | ("3602589"   "3785730"   "4025186"   "4198155"  <br>"4330194"   "4407580"   "4410263"   "4477176"  <br>"4531828"   "4556311"   "4577953"   "4643560"  <br>"4712906").PN. OR ("4821066").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/19 17:42 |
| S86 | 27      | ("3973111"   "4147967"   "4412232"   "4427314"  <br>"4433925"   "4436439"   "4460968"   "4469460"  <br>"4490796"   "4506344"   "4523235"   "4549825"  <br>"4566813"   "4567570"   "4575733"   "4577932"  <br>"4675692").PN. OR ("4933867").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/19 17:57 |

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| S87  | 11    | ("4180703"   "5170416"   "5184011"   "5276970"   "5488397").PN. OR ("6010206").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/20 07:56 |
| S88  | 3     | ("6779868"   "5184011"   "6499827").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/20 07:56 |
| S89  | 6     | ("4247214"   "4533268"   "4673810"   "5047631"   "5066130").PN. OR ("5184011").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/20 08:13 |
| S92  | 0     | exposure\$control AND printhead AND encoder  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/20 10:53 |
| S93  | 0     | exposure\$control AND print\$head AND encoder  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/20 10:54 |
| S94  | 31    | exposure SAME print\$head SAME encoder   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/23 08:14 |
| S95  | 2     | "4455562".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/23 08:15 |
| S96  | 64    | ("3803631"   "3952311"   "3988742"   "4107687"   "4386272").PN. OR ("4455562").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/23 09:04 |
| S97  | 76926 | (exposure\$control SAME intensity) AND LED array AND printing                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/23 09:24 |
| S98  | 25646 | (exposure\$control SAME intensity) SAME LED array SAME printing                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/23 09:25 |
| S99  | 25646 | (exposure\$control SAME intensity) NEAR LED array SAME printing                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/23 09:25 |
| S100 | 25646 | (exposure\$control NEAR intensity) NEAR LED array SAME printing                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/23 09:25 |

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| S102 | 1983 | (exposure\$control NEAR intensity) NEAR LED array<br>NEAR printing   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/23 09:36 |
| S103 | 36   | (exposure\$control NEAR intensity) NEAR LED array<br>NEAR printing SAME uniform                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/23 09:39 |
| S107 | 36   | (exposure\$control NEAR intensity) NEAR "LED" array<br>NEAR printing SAME uniform                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/23 09:50 |
| S108 | 2    | "6266077".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/23 09:51 |
| S109 | 9    | ("4809021"   "4941004"   "5200765"   "5586055"  <br>"5668587"   "5774165"   "6100913").PN. OR<br>("6266077").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/23 10:01 |
| S110 | 520  | exposure SAME modulat\$3 SAME velocity   | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/23 10:03 |
| S111 | 449  | S110 AND method  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/23 10:07 |
| S112 | 167  | S110 AND method AND photosensitive   | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/23 10:07 |
| S113 | 65   | S110 AND method AND photosensitive AND correction  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/23 11:18 |
| S114 | 2    | S110 AND method AND photosensitive AND (correction<br>SAME fractional)   | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/23 11:28 |
| S115 | 1    | exposure AND method AND photosensitive AND<br>(correction SAME factor NEAR modulation)                             | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/23 11:45 |
| S116 | 2    | exposure AND photosensitive AND (correction SAME<br>factor NEAR modulation)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/23 11:46 |
| S117 | 19   | exposure AND photosensitive AND (correction SAME<br>factor SAME modulation)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/23 13:25 |



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| S118 | 39 | exposure AND photosensitive AND (correction SAME factor SAME velocity)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/23 14:19 |
| S119 | 32 | ("3819265"   "4030825"   "4191466"   "4699515"  <br>"4734746"   "4747678"   "4918320"   "4924257"  <br>"4953960"   "5089913"   "5105075"   "5194893"  <br>"5214489"   "5227839"   "5238870"   "5281996"  <br>"5285236"   "5289231"   "5291240"   "5365342"  <br>"5473410"   "5656402"   "5661546"   "5677754"  <br>"5835196"   "5854671"   "5912727"   "6018395"  <br>"6072184"   "6118517").PN. OR ("6462807").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/23 13:36 |
| S120 | 19 | ("3519805"   "3639754"   "3934125"   "4066230"  <br>"4350941"   "4362978"   "4506321").PN. OR<br>("4748555").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/23 14:10 |
| S121 | 0  | exposure NEAR control SAME (correction SAME velocity) SAME (LED OR light\$emitting OR LED\$array)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/23 14:20 |
| S122 | 2  | exposure SAME control SAME (correction SAME velocity) SAME (LED OR light\$emitting OR LED\$array)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/23 14:21 |
| S123 | 65 | exposure SAME control SAME velocity SAME (LED OR light\$emitting OR LED\$array)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/23 14:21 |
| S124 | 12 | ("4535341"   "4855760"   "4856920"   "5043743"  <br>"5424560"   "5623300"   "5693956"   "5724055"  <br>"5751263").PN. OR ("6137523").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/23 14:23 |
| S125 | 17 | ("4535341"   "5043743"   "5198803"   "5337075"  <br>"5424560"   "5681756"   "5693956"   "5751263").PN. OR<br>("6072517").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/23 14:36 |
| S126 | 20 | ("4422083"   "4551732").PN. OR ("4835545").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/23 14:56 |
| S127 | 0  | multiply NEAR correction SAME exposure SAME velocity  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/23 14:57 |
| S128 | 0  | multiply SAME correction SAME exposure SAME velocity  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/23 14:57 |
| S129 | 18 | multiply SAME exposure SAME velocity  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/23 15:01 |
| S130 | 21 | multiply SAME exposure SAME intensity SAME factor   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/23 15:06 |

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| S131 | 0   | (exposure\$control AND velocity AND encoder) SAME photosensitive   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/23 15:08 |
| S132 | 3   | (exposure\$control AND velocity AND encoder) AND photosensitive  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/24 08:30 |
| S133 | 0   | (intensity\$control AND velocity AND encoder) AND photosensitive   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/24 08:31 |
| S134 | 589 | (intensity AND velocity AND encoder) AND photosensitive  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/24 08:31 |
| S135 | 18  | (intensity SAME velocity SAME encoder) AND photosensitive  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/24 08:43 |
| S136 | 1   | "6987787"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/24 08:44 |
| S137 | 1   | "6987787".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/24 08:44 |
| S138 | 15  | ("20050129075"   "4745358"   "4827116"   "5803579"   "6392358"   "6419372"   "6457837"   "6521879"   "6540363"   "6590560"   "6597209"   "6608614"   "6639349"   "6666896"   "6825619").PN. OR ("6987787").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/24 08:51 |
| S139 | 1   | "5815025".pn.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/24 08:51 |
| S140 | 2   | "5815025".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/24 08:51 |
| S141 | 15  | ("4608530"   "4706130"   "4746941"   "4962375"   "5099192"   "5138310"   "5166702"   "5253934"   "5264868"   "5309151"   "5467036"   "5517151").PN. OR ("5815025").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/24 09:05 |

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|------|-------|---|--|----|----|------------------|
| S142 | 47236 | (illumination OR intensity) SAME (control OR circuit) SAME (velocity OR rate OR speed)  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/24 09:07 |
| S143 | 7258  | (illumination OR intensity) SAME (control OR circuit) SAME (velocity OR rate OR speed) SAME (LED OR exposure OR light\$emitting)  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/24 09:08 |
| S144 | 0     | (illumination OR intensity) SAME (control OR circuit) SAME (velocity OR rate OR speed) SAME (LED OR exposure OR light\$emitting) SAME (photo\$ensitive\$material)                           | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/24 09:08 |
| S145 | 805   | (illumination OR intensity) SAME (control OR circuit) SAME (velocity OR rate OR speed) SAME (LED OR exposure OR light\$emitting) SAME (photo\$ensitive)                                     | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/24 09:09 |
| S146 | 4     | (illumination OR intensity) SAME (control OR circuit) SAME (velocity OR rate OR speed) SAME ((LED OR exposure OR light\$emitting) NEAr array) SAME (photo\$ensitive)                        | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/24 09:09 |
| S147 | 37    | ("4455562"   "4596995").PN. OR ("4835549").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/24 09:12 |
| S148 | 2     | ("4835549"   "5138337").PN. OR ("6177949").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/24 11:17 |
| S149 | 1     | "5323179".pn.   | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/24 11:17 |
| S150 | 1     | "6987787".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/01/24 11:43 |
| S151 | 15    | ("20050129075"   "4745358"   "4827116"   "5803579"   "6392358"   "6419372"   "6457837"   "6521879"   "6540363"   "6590560"   "6597209"   "6608614"   "6639349"   "6666896"   "6825619").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2006/01/24 11:46 |
| S152 | 0     | ("6987787").URPN.   | USPAT  | OR | ON | 2006/01/24 11:47 |